

T. H. Nelson



HUMAN ANATOMY

16 FULL-COLOR ILLUSTRATIONS

by Ronald Keller

Prepared in consultation with

Charles N. Berry, Ph.D.

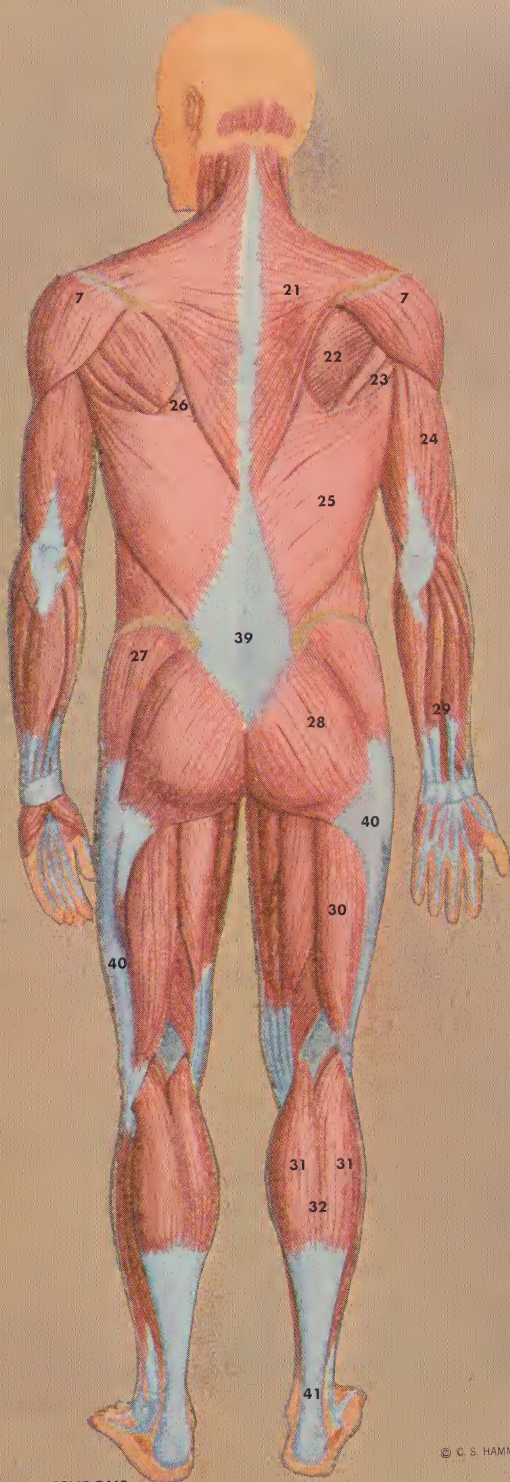
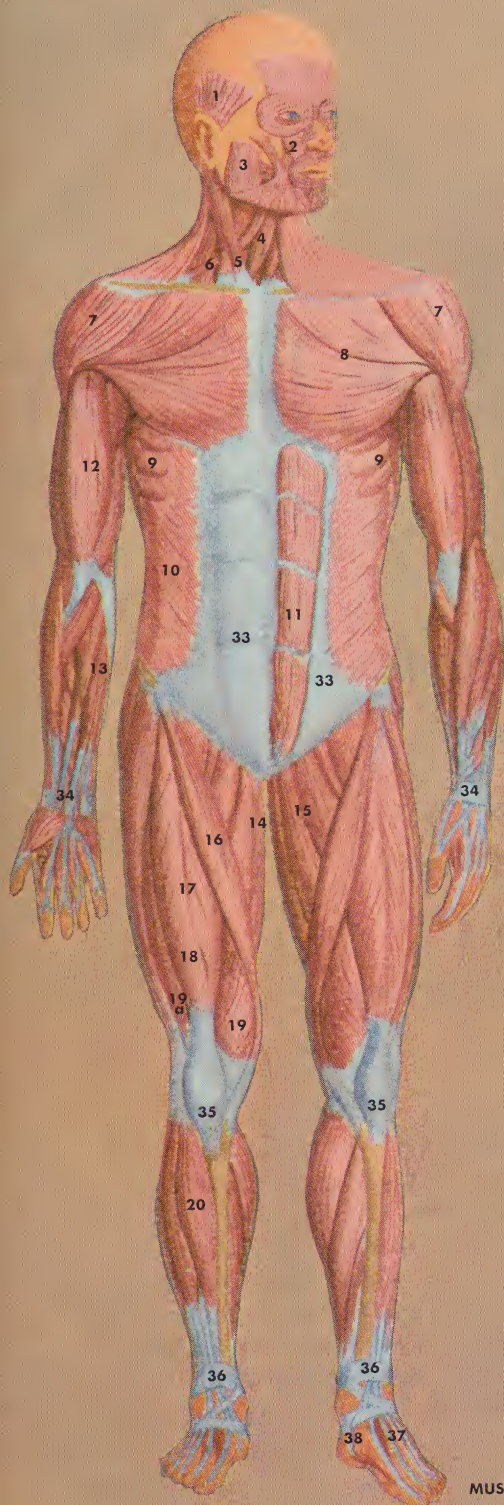
Seton Hall College of Medicine and Dentistry

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MUSCLES AND TENDONS

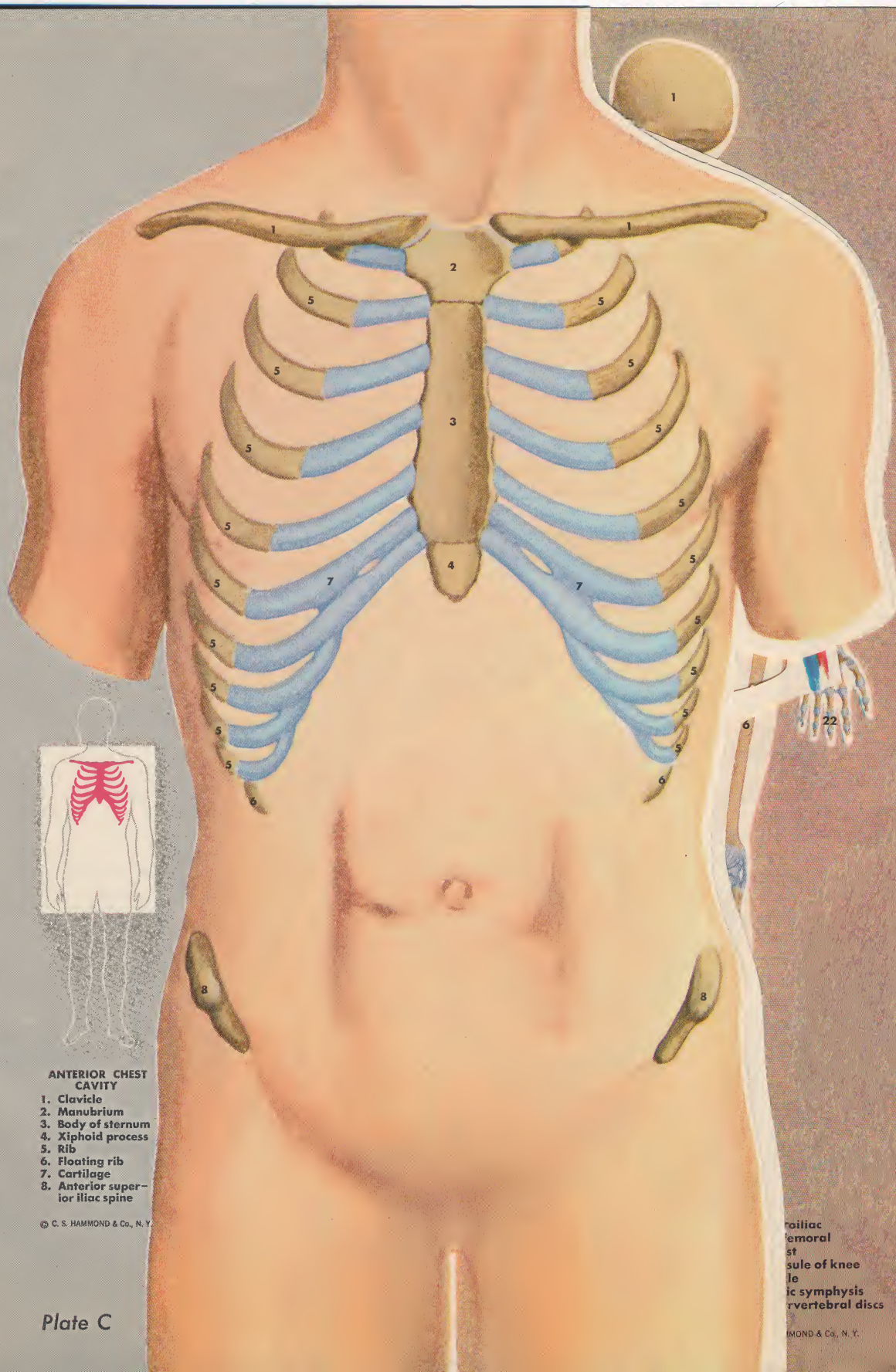
MUSCLES

1. Temporal
2. Mimetic muscles
3. Masseter (a muscle of mastication)
4. Infrahyoid muscles
5. Sternomastoid
6. Omohyoid
7. Deltoid
8. Pectoral muscles
9. Serratus anterior
10. External oblique

11. Rectus abdominus
12. Biceps brachii
13. Flexor digitorum superficialis (sublimis)
14. Gracilis
15. Adductor group
16. Sartorius
17. Rectus femoris
18. Quadriceps femoris
19. Vastus medialis
- 19a. Vastus lateralis
20. Dorsiflexors

21. Trapezius
22. Infraspinatus
23. Teres major
24. Triceps brachii
25. Latissimus dorsi
26. Rhomboideus major
27. Gluteus medius
28. Gluteus maximus
29. Digital extensors
30. Hamstring muscles
31. Gastrocnemius

32. Plantar flexors
- TENDONS**
33. Rectus sheath
 34. Flexor retinaculum of carpal tunnel
 35. Patellar tendon
 36. Retinaculum of tarsal tunnel
 37. Tendons of long digital extensors
 38. Tendon of tibialis anterior
 39. Lumbodorsal fascia
 40. Fascia lata
 41. Achilles

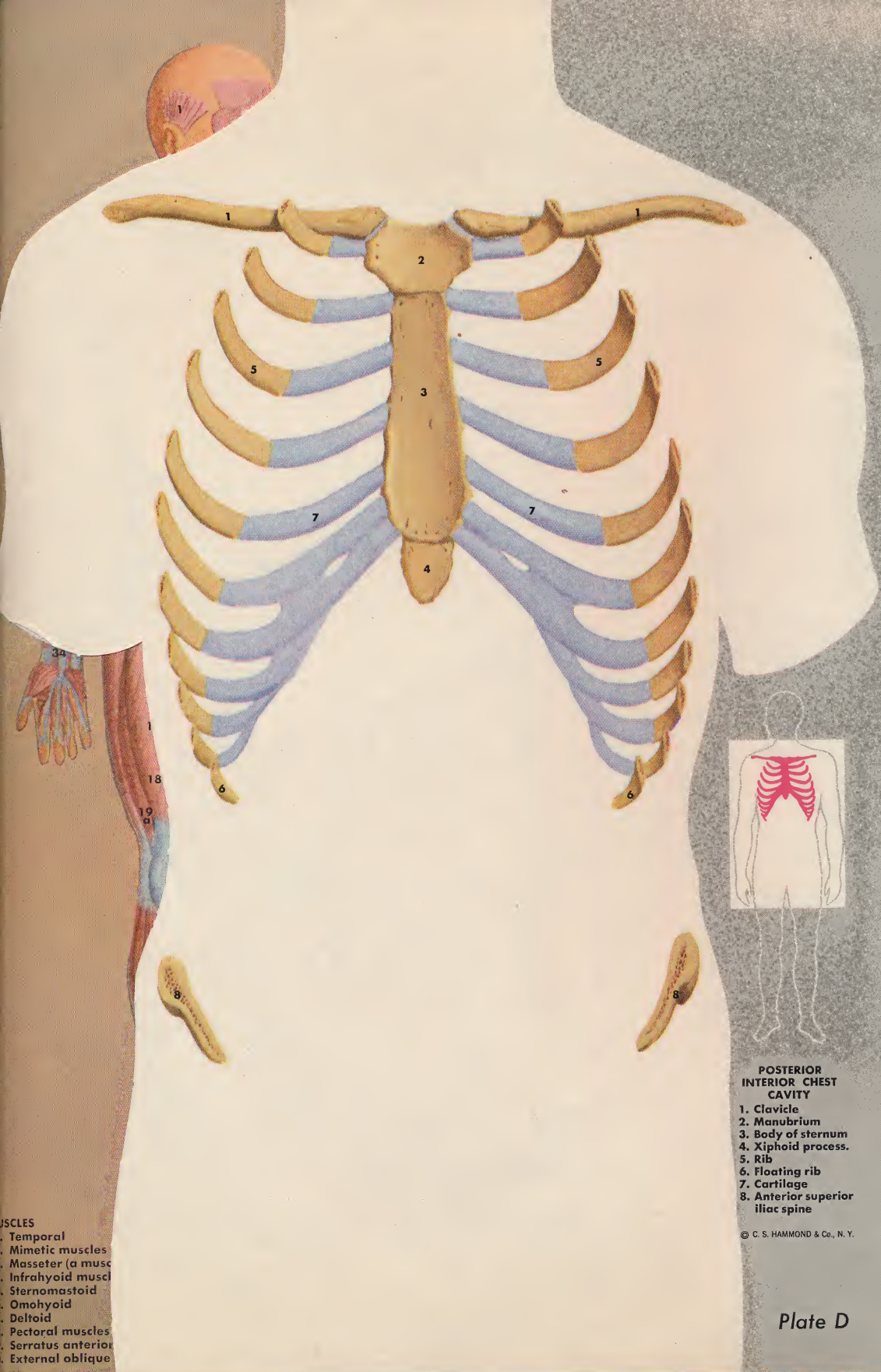


ANTERIOR CHEST CAVITY

1. Clavicle
2. Manubrium
3. Body of sternum
4. Xiphoid process
5. Rib
6. Floating rib
7. Costilage
8. Anterior superior iliac spine

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**POSTERIOR
INTERIOR CHEST
CAVITY**

1. Clavicle
2. Manubrium
3. Body of sternum
4. Xiphoid process.
5. Rib
6. Floating rib
7. Cartilage
8. Anterior superior iliac spine

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MUSCLES
 Temporal
 Mimetic muscles
 Masseter (a muscle)
 Infrahyoid muscle
 Sternomastoid
 Omohyoid
 Deltoid
 Pectoral muscles
 Serratus anterior
 External oblique



- ANTERIOR LUNGS**
- 9. Larynx
 - 10. Thyroid gland
 - 11. Trachea
 - 12. Lung (Right superior lobe)
 - 13. Lung (Right middle lobe)
 - 14. Lung (Right inferior lobe)
 - 15. Lung (Left superior lobe)
 - 16. Lung (Left inferior lobe)
 - 17. Diaphragm

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POSTERIOR LUNGS

9. Larynx
10. Thyroid gland
11. Trachea
12. Lung (Right superior lobe)
13. Lung (Right middle lobe)
14. Lung (Right inferior lobe)
15. Lung (Left superior lobe)
16. Lung (Left inferior lobe)
17. Diaphragm
18. Principal bronchi

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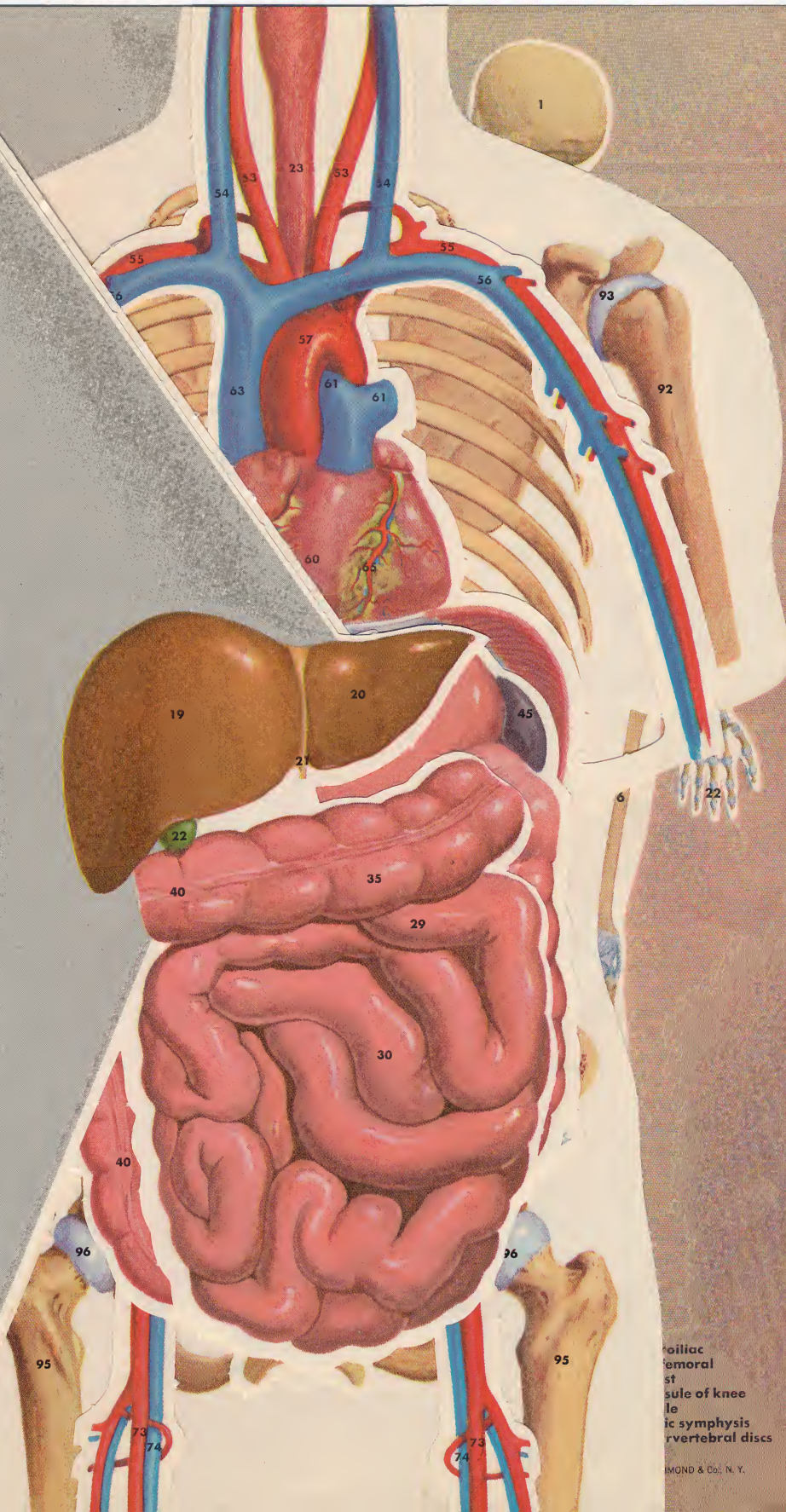
MUSCLES

1. Temporal
2. Mimetic muscles
3. Masseter (a muscle)
4. Infrahyoid muscle
5. Sternomastoid
6. Omohyoid
7. Deltoid
8. Pectoral muscles
9. Serratus anterior
10. External oblique



- ANTERIOR LIVER AND SMALL INTESTINE**
 19. Liver (Right lobe)
 20. Liver (Left lobe)
 21. Falciform ligament
 22. Gall bladder
 29. Jejunum
 30. Small intestine
 35. Transverse colon
 40. Taenia

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**POSTERIOR LIVER AND
SMALL INTESTINE**

- 19. Liver (Right lobe)
- 20. Liver (Left lobe)
- 21. Falciform ligament
- 22. Gall bladder
- 29. Jejunum
- 30. Small intestine
- 31. Ileum
- 35. Transverse colon
- 40. Taenia coli
- 41. Cystic duct
- 42. Portal vein
- 43. Hepatic artery
- 44. Hepatic vein

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MUSCLES

- 1. Temporal
- 2. Mimetic muscles
- 3. Masseter (a muscle)
- 4. Infrahyoid muscle
- 5. Sternomastoid
- 6. Omohyoid
- 7. Deltoid
- 8. Pectoral muscles
- 9. Serratus anterior
- 10. External oblique



ANTERIOR STOMACH AND COLON

- 23. Esophagus
- 24. Stomach (cardia)
- 25. Stomach (fundus)
- 26. Stomach (body)
- 27. Stomach (pylorus)
- 28. Duodenum
- 31. Ileum
- 32. Ileocolic junction
- 33. Caecum
- 34. Ascending colon
- 36. Descending colon
- 37. Sigmoid colon
- 39. Vermiform appendix
- 40. Taenia coli
- 45. Spleen
- 49. Superior mesenteric artery
- 50. Superior mesenteric vein
- 51. Pancreas (head)
- 52. Pancreas (tail)

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- MUSCLES**
1. Temporal
 2. Mimetic muscles
 3. Masseter (a muscle)
 4. Infrahyoid muscle
 5. Sternomastoid
 6. Omohyoid
 7. Deltoid
 8. Pectoral muscles
 9. Serratus anterior
 10. External oblique

POSTERIOR STOMACH AND COLON

23. Esophagus
24. Stomach (cardia)
25. Stomach (fundus)
26. Stomach (body)
27. Stomach (pylorus)
28. Duodenum
31. Ileum
32. Ileocolic junction
33. Caecum
34. Ascending colon
36. Descending colon
37. Sigmoid colon
39. Vermiform appendix
40. Taenia coli
- 41a. Common bile duct
42. Portal vein
43. Hepatic artery
45. Spleen
46. Splenic artery
47. Splenic vein
48. Inferior mesenteric vein
49. Superior mesenteric artery
50. Superior mesenteric vein
51. Pancreas (head)
- 51a. Pancreas (body)
52. Pancreas (tail)

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ANTERIOR CIRCULATORY SYSTEM

17. Diaphragm
23. Esophagus
37. Sigmoid colon
44. Hepatic vein
49. Superior mesenteric artery
53. Common carotid artery
54. Internal jugular vein
55. Subclavian artery
56. Subclavian vein
57. Aortic arch
58. Aorta
60. Heart
61. Pulmonary arteries
63. Superior vena cava
64. Inferior vena cava
65. Coronary arteries
66. Coeliac trunk
68. Inferior mesenteric artery
69. Renal artery
70. Renal vein
71. Common iliac artery
72. Common iliac vein
73. Femoral artery
74. Femoral vein
75. Internal iliac artery*
76. Internal iliac vein
77. Kidneys (r. and l.)
78. Suprarenal glands (r. and l.)
79. Ureters (r. and l.)
80. Bladder
81. Urachus
82. Pubic symphysis
83. Inguinal ligament

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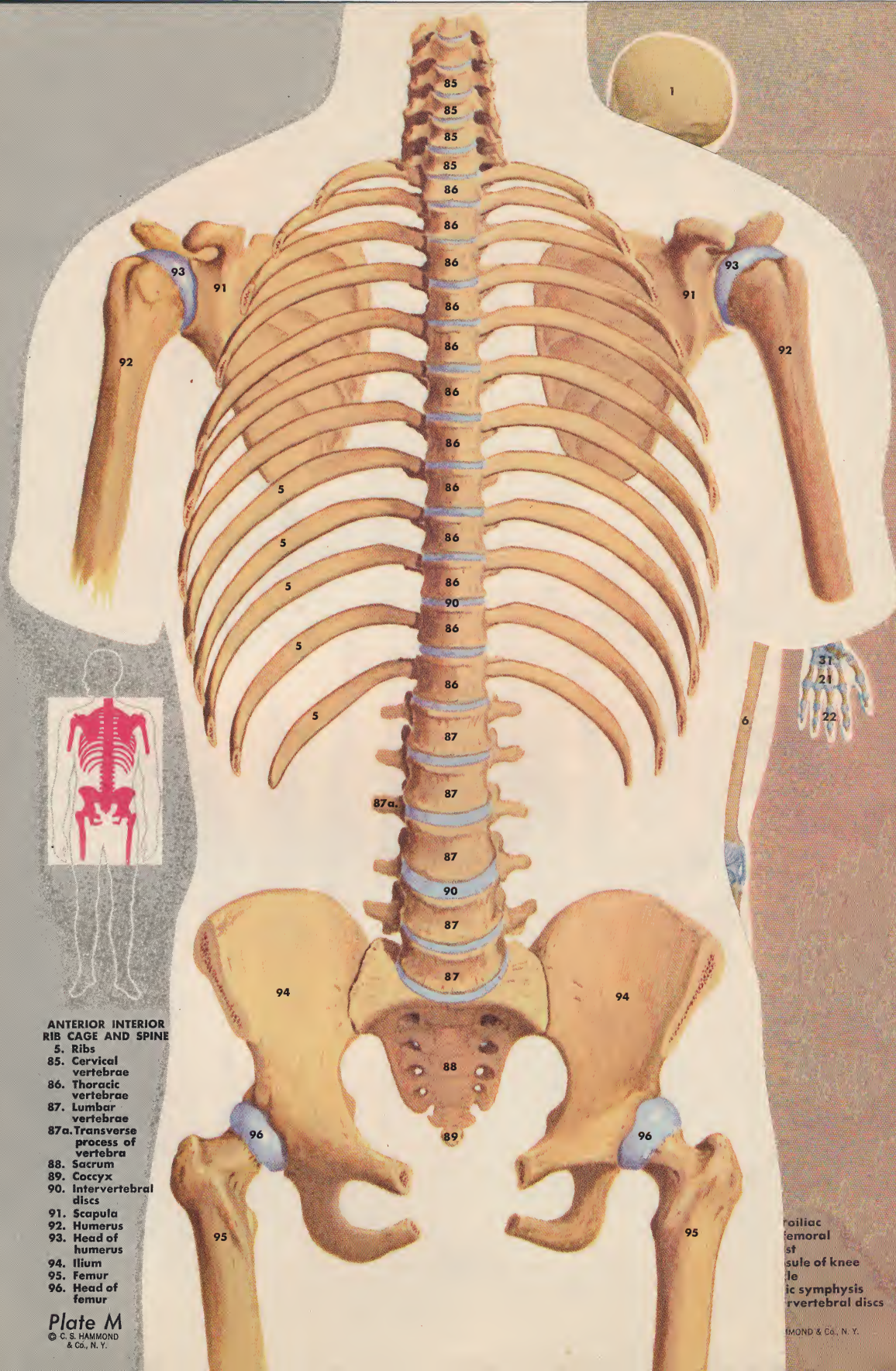
MUSCLES

1. Temporal
2. Mimetic muscles
3. Masseter (a muscle)
4. Infrahyoid muscles
5. Sternomastoid
6. Omohyoid
7. Deltoid
8. Pectoral muscles
9. Serratus anterior
10. External oblique

POSTERIOR CIRCULATORY SYSTEM

17. Diaphragm
23. Esophagus
37. Sigmoid colon
38. Rectum
53. Common carotid artery
54. Internal jugular vein
55. Subclavian artery
56. Subclavian vein
57. Aortic arch
58. Aorta
60. Heart
61. Pulmonary arteries
62. Pulmonary veins
63. Superior vena cava
64. Inferior vena cava
69. Renal artery
70. Renal vein
71. Common iliac artery
72. Common iliac vein
73. Femoral artery
74. Femoral vein
75. Internal iliac artery
76. Internal iliac vein
77. Kidneys (r. and l.)
79. Ureters (r. and l.)
80. Bladder
83. Inguinal ligament
84. Prostate gland

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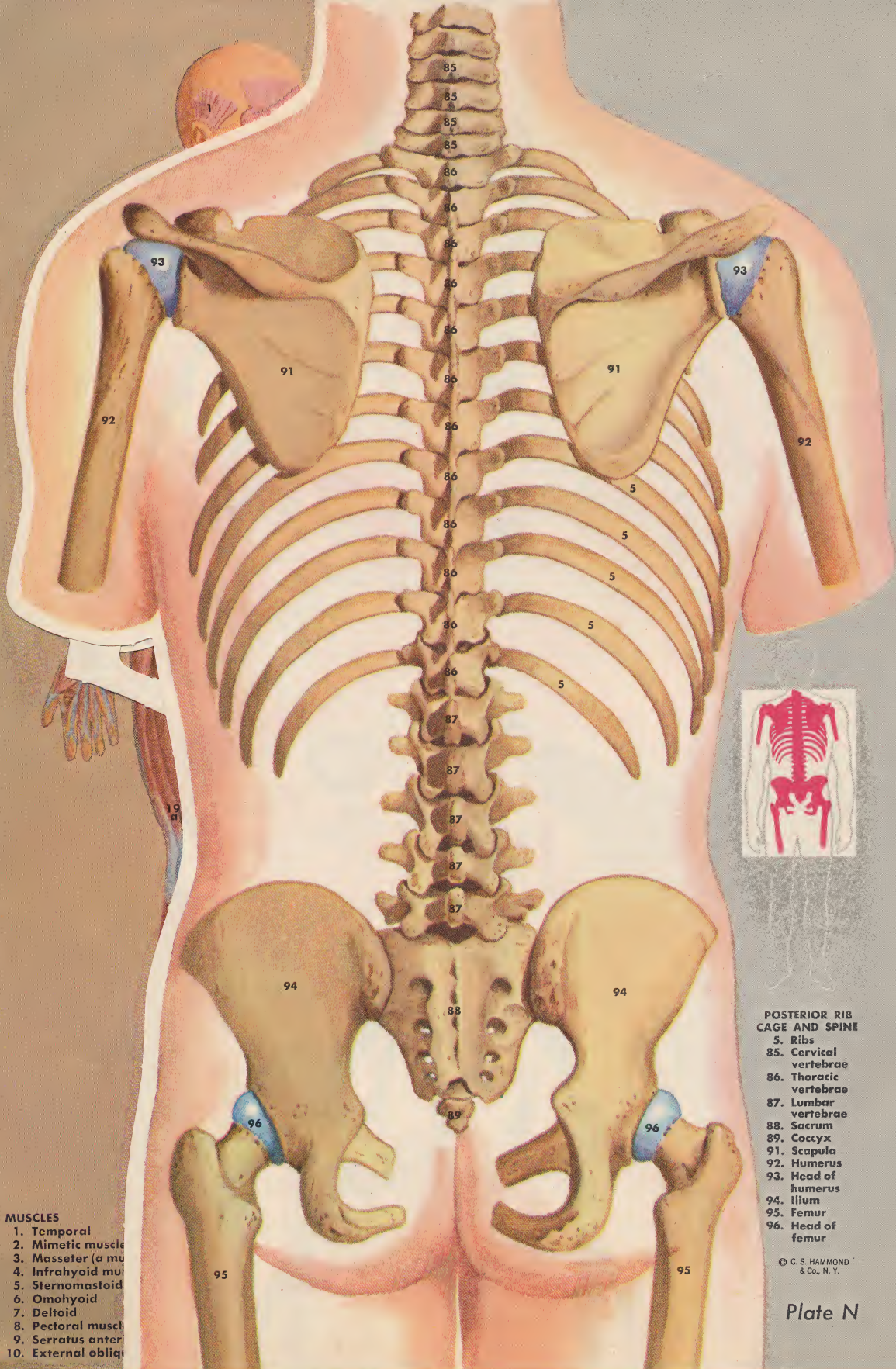
**ANTERIOR INTERIOR
RIB CAGE AND SPINE**

- 5. Ribs
- 85. Cervical vertebrae
- 86. Thoracic vertebrae
- 87. Lumbar vertebrae
- 87a. Transverse process of vertebra
- 88. Sacrum
- 89. Coccyx
- 90. Intervertebral discs
- 91. Scapula
- 92. Humerus
- 93. Head of humerus
- 94. Ilium
- 95. Femur
- 96. Head of femur

Plate M
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MUSCLES

1. Temporal
2. Mimetic muscle
3. Masseter (a mu
4. Infrahyoid mu
5. Sternomastoid
6. Omohyoid
7. Deltoid
8. Pectoral muscl
9. Serratus anter
10. External obliq

POSTERIOR RIB CAGE AND SPINE

5. Ribs
85. Cervical
vertebrae
86. Thoracic
vertebrae
87. Lumbar
vertebrae
88. Sacrum
89. Coccyx
91. Scapula
92. Humerus
93. Head of
humerus
94. Ilium
95. Femur
96. Head of
femur

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BONES AND LIGAMENTS

BONES

1. Skull
2. Mandible
3. Vertebrae
4. Clavicle
5. Scapula
6. Manubrium
7. Body of sternum
8. Xiphoid process
9. Ribs

10. Humerus
11. Radius
12. Ulna
13. Sacrum
14. Ilium
15. Coccyx
16. Femur
17. Patella
18. Tibia
19. Fibula

20. Carpals
21. Metacarpals
22. Phalanges
23. Metatarsals
24. Tarsals
25. Heel

- ## LIGAMENTS AND JOINTS
26. Capsule of shoulder
 27. Sternoclavicular
 28. Capsule of elbow

29. Sacroiliac
30. Iliofemoral
31. Wrist
32. Capsule of knee
33. Ankle
34. Pubic symphysis
35. Intervertebral discs

GLOSSARY and INDEX

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